Fall 2006 Physiology Lecture Schedule

date | lecture
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Aug. 24 | Course introduction
Aug. 29 | Conformers and regulators; Homeostasis
Aug. 31 | Intro to the Nervous System
Sep. 5 | Electrical potentials in excitable cells
Sep. 7 | Action potentials
Sep. 12 | Neurotransmitters and second messengers
Sep. 14 | Submit practice exam questions
Sep. 19 | Sensory systems
Sep. 21 | Structure and function of the CNS and PNS
Sep. 26 | Evaluate Exam 1
Sep. 28 | Muscle structure, function, and energetics
Oct. 3 | Muscle excitation - Daniel; muscle training/recovery - Jake
Oct. 5 | Invertebrate muscle physiology; Biomechanics - Mark; Smooth muscles
Oct. 10 | Mammalian circulatory system; Cardiac muscle
Oct. 12 | Cardiac signaling; Arrhythmias - Joseph; Cardiac surgical procedures - Kacie
Oct. 17 | Fall Break
Oct. 19 | Regulation of blood pressure - hypertension - Lucas
Oct. 24 | Introduction to Respiration; Mammalian lungs
Oct. 26 | Respiratory adaptations - Julie and Audrey; Disorders - Joel
Oct. 31 | Evaluate Exam 2
Nov. 2 | Water and ion balance - mammalian kidney function
Nov. 7 | pH regulation in the kidney - Elizabeth
Nov. 14 | Water and ion balance in extreme environments
Nov. 16 | Introduction to digestion
Nov. 21 | Regulation of gastrointestinal activity
Nov. 23 | Thanksgiving Recess
Nov. 28 | Functions of the liver & pancreas - Aaron; diabetes - Jamie
Nov. 30 | Hormonal regulation of growth and metabolism - Becca and Stephanie
Dec. 5 | Class discussion of student final exam questions
Dec. 9 | Evaluate Final Exam 1:00 pm (or TBA)